

# Making the Difference

*Realistic training can make the difference between a knowledgeable response by, or increased risk to, military or other first responder organizations.*



## WMD TRAINING

*Comprehensive classroom and realistic field training for the first responder in weapons of mass destruction – chemical, biological, radiological*

### Combined Strengths

The Idaho National Engineering and Environmental Laboratory has teamed with the Special Programs Division, West Desert Test Center, Dugway Proving Ground, Utah, to offer training expertise and optimal training environments to military units, regional law enforcement, and National

Guard Weapons of Mass Destruction Civil Support Teams.

West Desert Test Center (WDTC) specializes in realistic, challenging training for threats from chemical and biological weapons of mass destruction.

INEEL has been in the nuclear/radiological science business for over five decades, safely designing, constructing, and operating over 50 mostly first-of-their-kind nuclear reactors on its desert test range. INEEL has collaborated with WDTC to add complementary radiological training to the WDTC's repertoire of chemical and biological weapons training.



*Two premier institutions combine efforts to offer their unique assets for unparalleled chemical/ biological/ radiological response training.*





*Military team members participate in a chemical event exercise conducted jointly by the West Desert Test Center and the INEEL at the Laboratory's Test Range*

### **Chemical/Biological Detection, Sampling and Analysis Training and Exercise Program**

The West Desert Test Center (WDTC) training for response to chemical and biological events consists of a comprehensive program of lecture, discussion, laboratory and field exercises. Detailed training is provided on chemical/biological agents, detection, protec-

tion, decontamination, sampling and material handling.

The course includes work with simulants in practical exercises where students can use their equipment and training to increase their proficiency in tactical scenarios.

The course also includes detector training using RDT&E solutions, agent vapor concentrations from 0.001 to 1 mg/l/m<sup>3</sup> and biological agents (in a laboratory setting) allowing students to gain confidence in their equipment.

At WDTC, the Biological Sampling and Detection Course includes work with Sterne strain vaccine-grade anthrax and biological simulants in practical exercises where students can utilize their equipment and training to increase their proficiency in tactical scenarios.

INEEL adds the nuclear/radiological component to

WDTC's expertise in chem/bio. The Laboratory's technical experts have taught comprehensive radiological safety courses to employees, construction workers and contractors for over 50 years. INEEL has collaborated with the WDTC to develop a radiological course tailored to the National Guard CST or other first responders. The course is offered at Dugway Proving Ground, Utah, the INEEL, near Idaho Falls, Idaho or at the trainee's home location.

INEEL offers unique assets and capabilities that enhance its comprehensive training, including:

- Real radiological sources
- Live-fire test range
- Helicopter landing sites
- Classified project accommodations
- DOE Radiological Assistance Program expertise and support

The "Raid Thrust and Raid Challenge" is a hands-on, free-play field training exercise designed to test tactics, techniques, and procedures in responding to a chemical or biological WMD event. Simulants are used to test detection and analytical procedures.

### **Mobile Training Team**

The INEEL and WDTC offers training at the customer's home location including:

- Realistic "pack-and-play" WMD laboratory setups
- Chem/bio/rad subject matter experts
- Ability to scale to large field exercises with local support agencies cooperation

Additionally, INEEL's 890-square-mile Test Range – containing the infrastructure of a small city with its own power, transportation and telecommunications facilities – offers a realistic training environment that is safe, remote and secure.

### **For more information:**

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